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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))

Docket No. 08CN5915-2

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In Re Application Of:

Adeyinka Adedeji

Serial No.

Filing Date

Examiner

Group Art Unit

09/683,955

March 6, 2002

Short

1713

Title: HIGH FLOW COMPOSITIONS OF POLYPHENYLENE ETHER RESINS AND DENDRITIC POLYMERS



Address to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

- 2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
 - ☐ the statement specified in 37 CFR 1.97(e);

OR

★ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 08CN5915-2 In Re Application: Adeyinka Adedeji Filing Date Examiner Group Art Unit Serial No. 09/683,955 March 6, 2002 Short 1713 COMPOSITIONS OF POLYPHENYLENE ETHER RESINS AND DENDRITIC Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) A check in the amount of is attached. The Director is hereby authorized to charge and credit Deposit Account No. 07-0862 as described below. Charge the amount of \$180.00 Credit any overpayment. Charge any additional fee required. Certificate of Transmission by Facsimile* Certificate of Mailing by First Class Mail I certify that this document and authorization to charge deposit I certify that this document and fee is being deposited account is being facsimile transmitted to the United States with the U.S. Postal Service on December 19, 2003 Patent and Trademark Office (F: as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. (Date) Signature of Person Mailing Correspondence Signature Tracy A. Axiak Typed or Printed Name of Person Mailing Certificate Typed or Printed Name of Person Signing Certificate *This certificate may only be used if paying by deposit account. Dated: December 19, 2003 Signature Patricia S. DeSimone Registration No. 48,137 Customer No. 23413 Phone No. (860) 286-2929 12/d4/2003 SSESHE1 00000075 070862 09683955 01 AC:1806 180.00 DA CC:

INFORMATION DISCLOSURE CITATION					08CN5915-2 Applicant(s) Adeyinka Adedeji		09/683,955			
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- 9. (previously presented) A person authentication application data processing system according to Claim 1, wherein, for data communication between said information processing apparatus as a person authentication execution entity and the person identification certificate authority as a person identification certificate issuing entity, a data transmission device creates an electronic signature for transmission data, and a receiving device verifies the electronic signature.
- 10. (original) A person authentication application data processing system according to Claim 1, wherein an encryption key used to encrypt the template stored in the person identification certificate issued from said person identification certificate authority is a public key which is set for said information processing apparatus or an individual user.
- 11. (previously presented) A person authentication application data processing system according to Claim 1, wherein said template includes at least one of biometric information and non-biometric information and a password, the biometric information selected from the group consisting of fingerprint information, retina pattern information, iris pattern information, voice print information, and handwriting information, the non-biometric information selected from the group consisting of such as a seal, a passport, a driver's license, and a card.
- 12. (previously presented) A person authentication application data processing method for performing a person authentication process by comparing a template extracted from a person identification certificate, the template including person identification data of an individual user who uses an information processing apparatus and user input sampling information, said person authentication application data processing method comprising:

a step for providing an information processing apparatus as a person authentication execution entity and a person identification certificate authority as a person identification certificate issuing entity;

a step in which said information processing apparatus retrieves a person identification certificate for person authentication based on user input information, and, when the information processing apparatus determines that the person identification certificate has not been received from the person identification certificate authority and stored locally in a local storage device of the information processing apparatus, outputs a request for issuing a person

identification certificate to the person identification certificate authority which is a person identification certificate issuing entity;

a step in which said person identification certificate authority creates a person identification certificate including an encoded template, which can be decrypted in said information processing apparatus, and issues the person identification certificate responsive to the request from the information processing apparatus; and

a step in which said information processing apparatus stores the person identification certificate issued from said person identification certificate authority in the storage device of the information processing apparatus.

- 13. (previously presented) A person authentication application data processing method according to Claim 12, wherein, when said information processing apparatus stores a newly obtained person identification certificate in the storage device, and when said newly obtained person identification certificate is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus, said information processing apparatus creates pair information of identifiers of each person identification certificate and stores the pair information in the storage device.
- 14. (previously presented) A person authentication application data processing method according to Claim 12, further comprising:

a step for providing a certificate authority as a public key certificate issuing entity;

a step in which said information processing apparatus retrieves a public key certificate used during data communication with an external apparatus, with stored data of the storage device of the information processing apparatus being used as the retrieval target on the basis of the user input information, creates a pair of a public key and a secret key when the applicable public key certificate cannot be extracted, transmits the created public key to the person identification certificate authority which is the issuing entity of the public key certificate, and makes a request for issuing a person identification certificate;

a step in which said person identification certificate authority issues a public key certificate corresponding to an individual user or a public key certificate corresponding to said information processing apparatus; and a step in which said information processing apparatus stores the public key certificate issued from said certificate authority in the storage device of the information processing apparatus.

- 15. (previously presented) A person authentication application data processing method according to Claim 14, wherein, in the process for storing the newly obtained person identification certificate in the storage device, when said newly obtained person identification certificate is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus, said information processing apparatus creates pair information of identifiers of each certificate and stores the pair information in the storage device.
- 16. (previously presented) A person authentication application data processing method according to Claim 14, wherein, in the process for storing the newly obtained person identification certificate in the storage device, when said newly obtained person identification certificate is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus, said information processing apparatus creates pair information of identifiers of each certificate, stores the pair information in the storage device, and registers a process identifier which identifies a process including services to be used.
- 17. (previously presented) A person authentication application data processing method according to Claim 12, further comprising:

a step for providing a service distribution device in which various services such as content distribution can be received from a service provider under the control of a service registration server on the condition of user registration for the service registration server; and

a step in which said information processing apparatus performs a person authentication process based on a verification process between a template extracted from the person identification certificate and user input sampling information, the template being person identification data of an individual user who uses the information processing apparatus, and performs user registration for said service registration server on the condition that person authentication is established.

18. (previously presented) A person authentication application data processing method according to Claim 12, further comprising:

a step for providing a service distribution device in which various services such as content distribution can be received from a service provider under the control of a service registration server on the condition of user registration for the service registration server;

a step in which, in a process for receiving service distribution from said service provider, said information processing apparatus performs mutual authentication with said service provider by using a public key certificate corresponding to an individual user who uses the information processing apparatus or a public key certificate corresponding to said information processing apparatus; and

a step in which said service provider provides services for said information processing apparatus on the condition that it is confirmed that the public key certificate used for said mutual authentication corresponds to an authorized user or device registered in said service registration server and said mutual authentication is established.

- 19. (original) A person authentication application data processing method according to Claim 12, wherein data communication between said information processing apparatus as a person authentication execution entity and the person identification certificate authority as a person identification certificate issuing entity is performed on the condition that the mutual authentication process is established.
- 20. (previously presented) A person authentication application data processing method according to Claim 12, wherein, for data communication between said information processing apparatus as a person authentication execution entity and the person identification certificate authority as a person identification certificate issuing entity, a data transmission device creates an electronic signature for transmission data, and a receiving device verifies the electronic signature.
- 21. (original) A person authentication application data processing method according to Claim 12, wherein an encryption key used to encrypt the template stored in the person identification certificate issued from said person identification certificate authority is a public key which is set for said information processing apparatus or an individual user.

22. (previously presented) An information processing apparatus for performing a person authentication process based on a verification process between a template extracted from a person identification certificate in which the template is stored and user input sampling information, the template being person identification data of an individual user who uses the information processing apparatus,

wherein said information processing apparatus performs a process for retrieving a person identification certificate used for a person authentication process based on user input information with stored data of the information processing apparatus being used as the retrieval target, outputs a request for issuing a person identification certificate to a person identification certificate authority, which is a person identification certificate issuing entity, when the information processing apparatus determines that the person identification certificate has not been received from the person identification certificate authority and stored locally in a local storage device of the information processing apparatus, and stores the person identification certificate issued from the person identification certificate authority in the storage device of the information processing apparatus.

- 23. (previously presented) An information processing apparatus according to Claim 22, wherein, in the process for storing the newly obtained personal identification certificate in the storage means, when said newly obtained person identification certificate is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus, said information processing apparatus performs a process for creating pair information of identifiers of each certificate and for storing the pair information in the storage device.
- 24. (previously presented) An information processing apparatus according to Claim 22, wherein said information processing apparatus retrieves a public key certificate used for data communication with an external apparatus with stored data of the storage device of the information processing apparatus being used as the retrieval target on the basis of user input information, creates a pair of a public key and a secret key when a corresponding public key certificate cannot be extracted, transmits the created public key to the certificate authority which is a public key certificate issuing entity, makes a request for issuing a public key certificate, and performs a process for storing the public key certificate issued from said certificate authority in the storage stores of the information processing apparatus.

- 25. (previously presented) An information processing apparatus according to Claim 24, wherein, in the process for storing the newly obtained personal identification certificate in the storage device, when said newly obtained person identification certificate is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus, said information processing apparatus performs a process for creating pair information of identifiers of each certificate and stores the pair information in the storage device.
- 26. (previously presented) An information processing apparatus according to Claim 24, wherein, in the process for storing the newly obtained personal identification certificate in the storage device, when said newly obtained person identification certificate is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus, said information processing apparatus performs a process for creating pair information of identifiers of each certificate, stores the pair information in the storage device, and registers together a process identifier which identifies a process such as services to be used.
- 27. (previously presented) A program providing medium for providing a computer program for causing a person application authentication data process for performing a person authentication process to be performed in a computer system based on a verification process between a template extracted from a person identification certificate in which the template is stored and user input sampling information, the template being person identification data of an individual user who uses an information processing apparatus, said computer program comprising:
- a step for retrieving a person identification certificate used for a person authentication process based on the user input information;
- a step for outputting a request for issuing a person identification certificate to a person identification certificate authority, which is a person identification certificate issuing entity, when the information processing apparatus determines that the person identification certificate has not been received from the person identification certificate authority and stored locally in a local storage device of the information processing apparatus;

a step for creating pair information of identifiers of each certificate when said person identification certificate issued from said person identification certificate authority is a person identification certificate corresponding to the same user for an existing public key certificate which has already been stored in said information processing apparatus; and

a step for storing the pair information in the storage device.